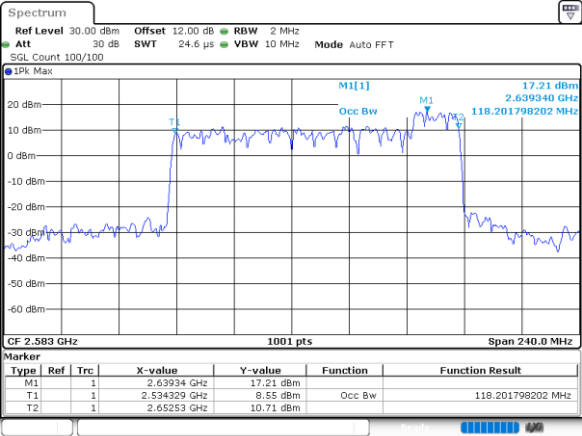


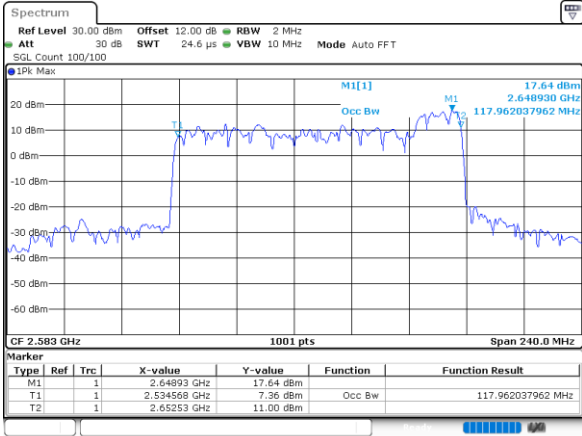
FCC N41AA

100M+20M

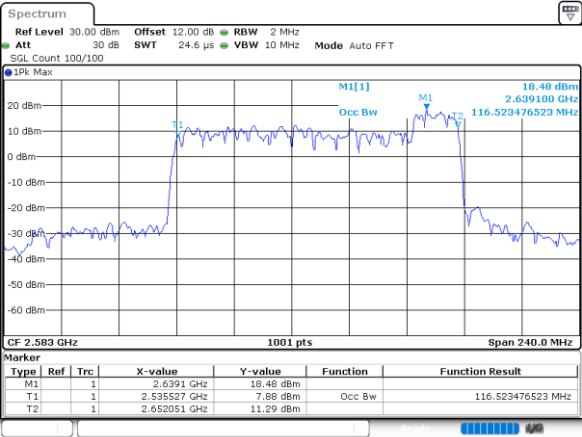
QPSK



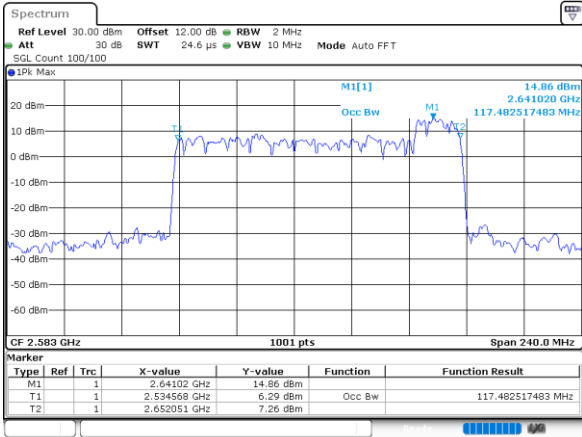
16QAM



64QAM



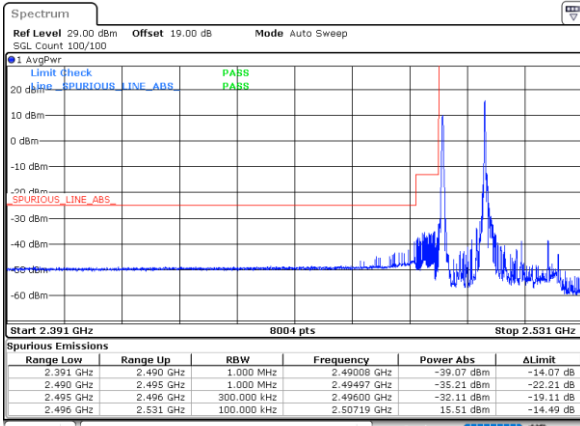
256QAM



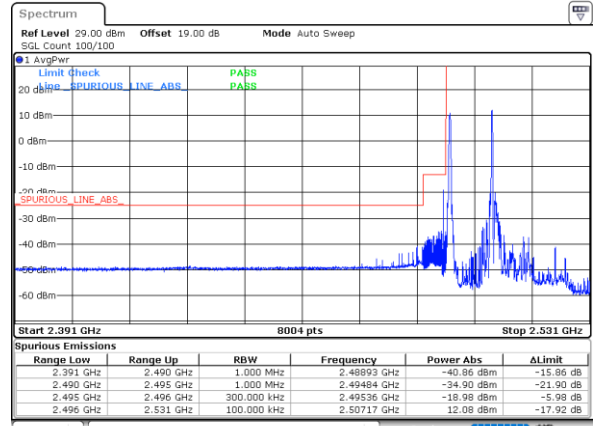
# Conducted Band Edge

## FCC N41AA / 10MHz+20MHz

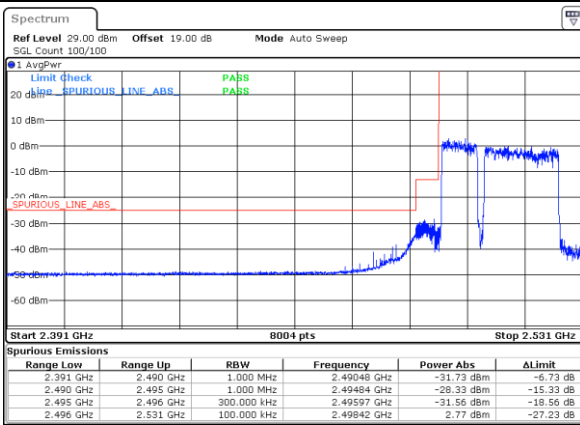
### Lowest Band Edge / BPSK / 1RB0



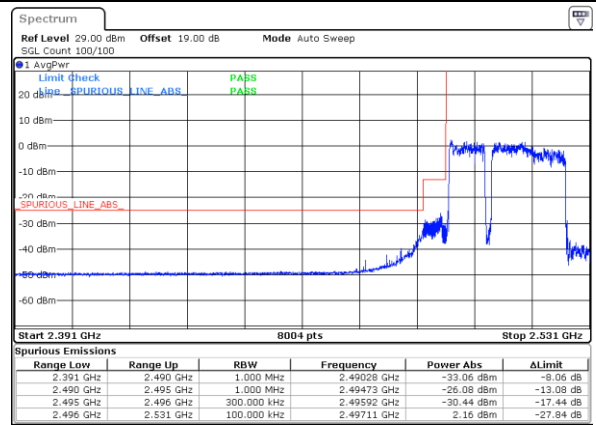
### Lowest Band Edge / QPSK / 1RB0



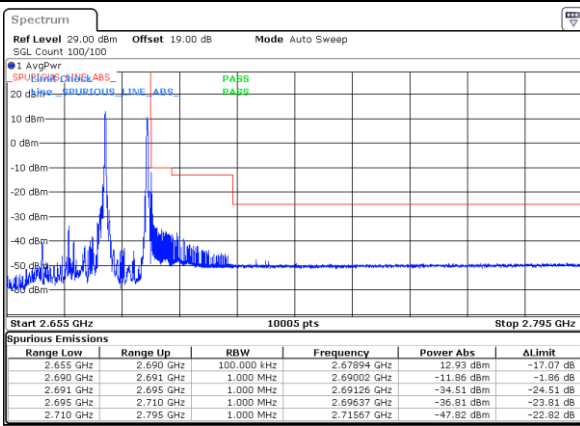
### Lowest Band Edge / BPSK / 24RB0



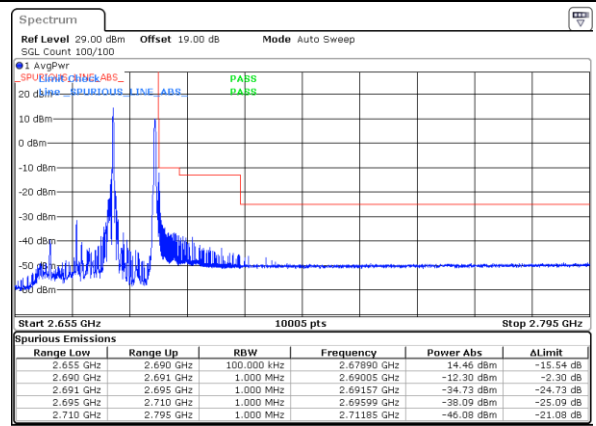
### Lowest Band Edge / QPSK / 24RB0



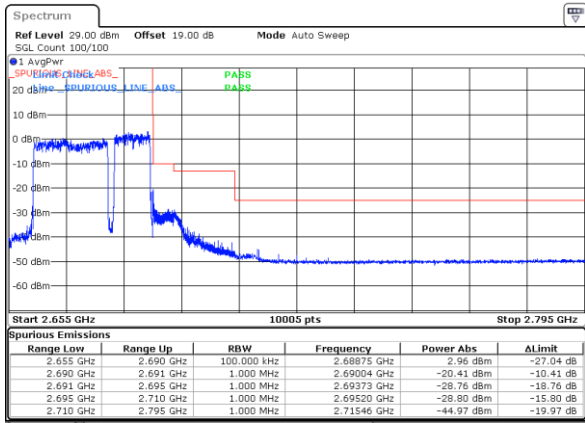
### Highest Band Edge / BPSK / 1RB23



### Highest Band Edge / QPSK / 1RB23

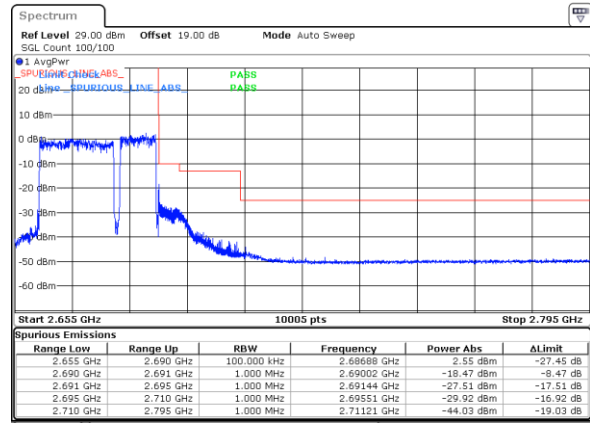


### Highest Band Edge / BPSK / 24RB0



Date: 16\_MAR\_2024 22:09:04

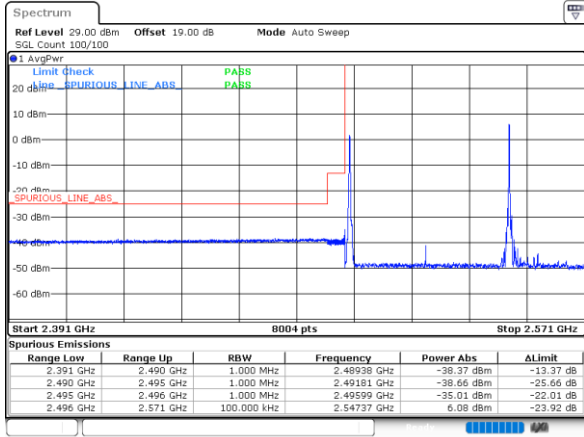
### Highest Band Edge / QPSK / 24RB0



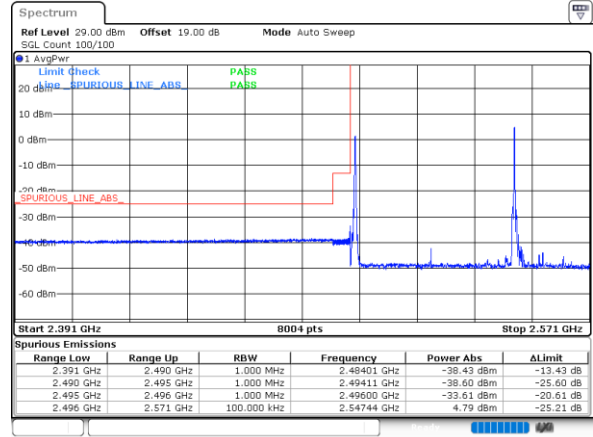
Date: 16\_MAR\_2024 22:08:48

# FCC N41AA / 50M+20M

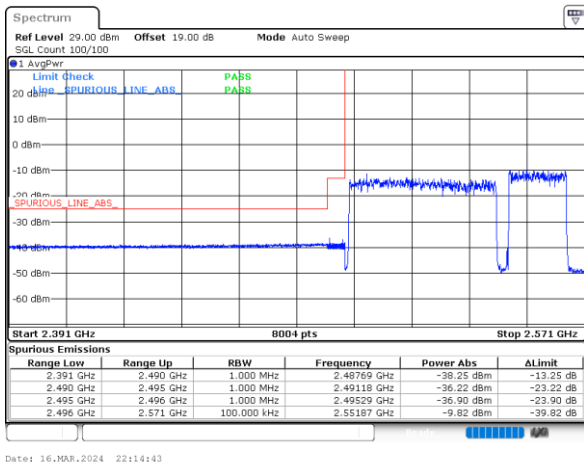
## Lowest Band Edge / BPSK / 1RB0



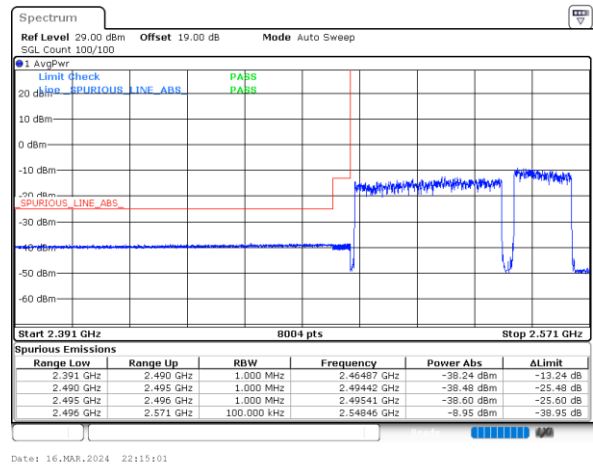
## Lowest Band Edge / QPSK / 1RB0



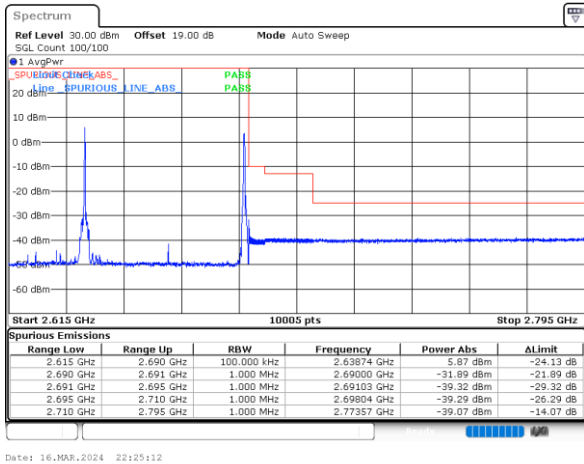
## Lowest Band Edge / BPSK / 128RB0



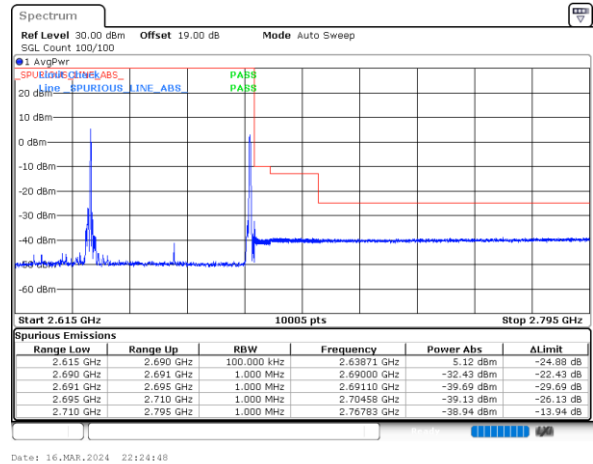
## Lowest Band Edge / QPSK / 128RB0



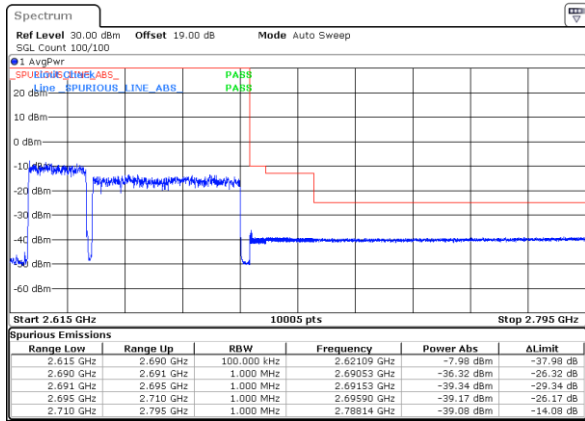
## Highest Band Edge / BPSK / 1RB132



## Highest Band Edge / QPSK / 1RB132

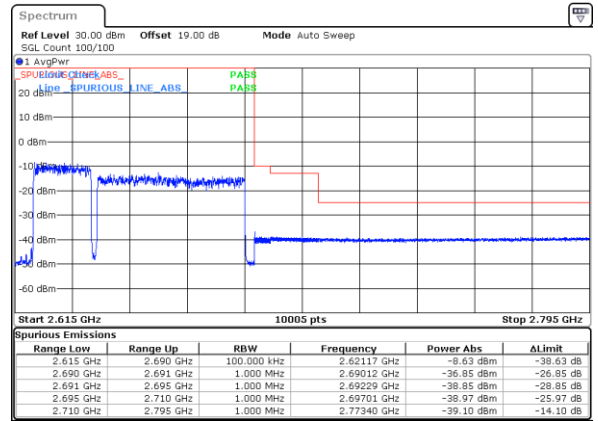


## Highest Band Edge / BPSK / 128RB0



Date: 16\_MAR\_2024 22:25:53

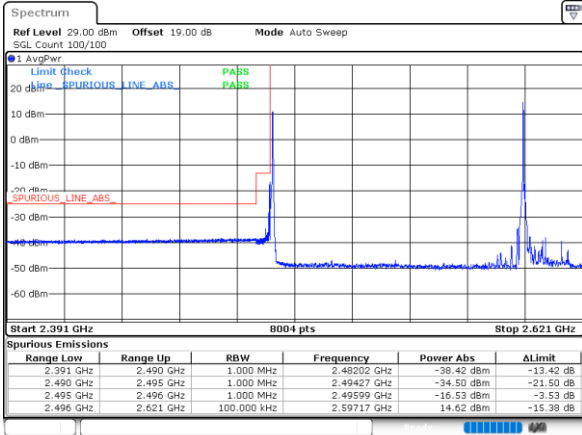
## Highest Band Edge / BPSK / 128RB0



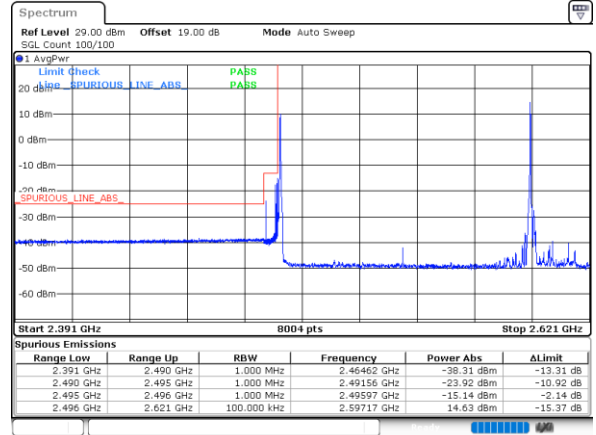
Date: 16\_MAR\_2024 22:26:10

# FCC N41AA / 100M+20M

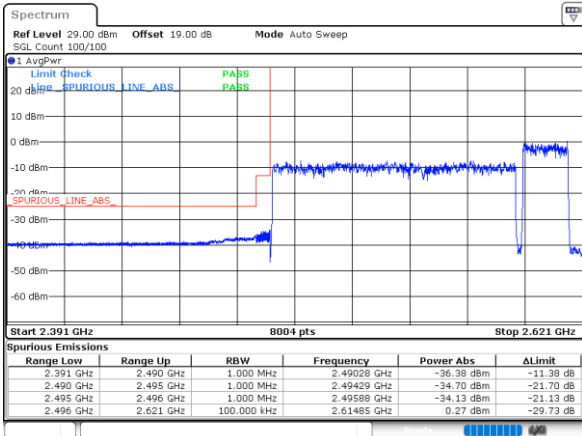
## Lowest Band Edge / BPSK / 1RB0



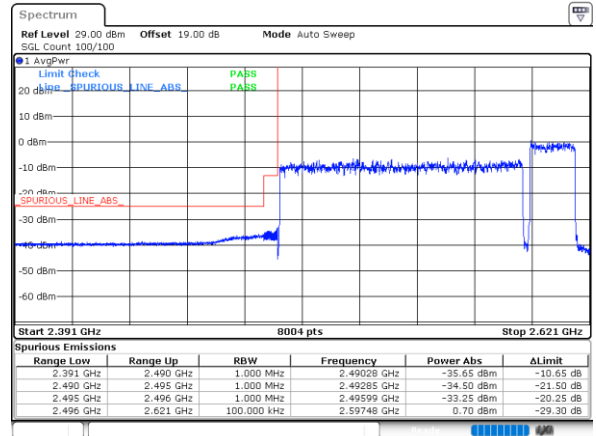
## Lowest Band Edge / QPSK / 1RB0



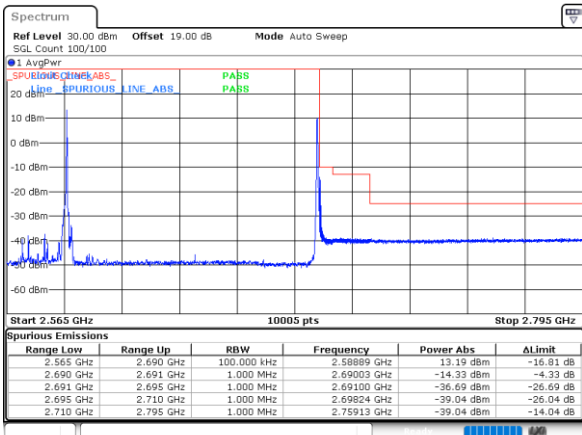
## Lowest Band Edge / BPSK / 270RB0



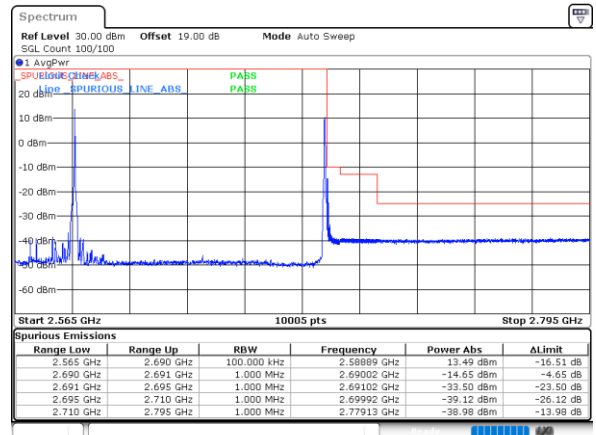
## Lowest Band Edge /QPSK / 270RB0



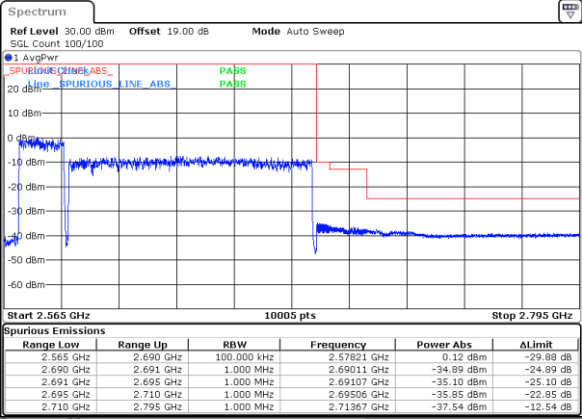
## Highest Band Edge / BPSK / 1RB272



## Highest Band Edge / QPSK / 1RB272

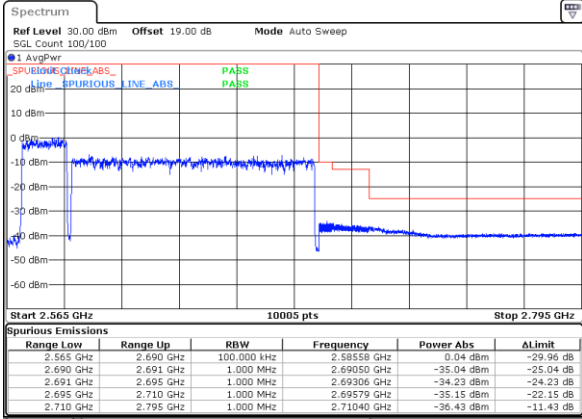


Highest Band Edge / BPSK /270RB0



Date: 16\_MAR\_2024 23:03:20

Highest Band Edge /QPSK /270RB0

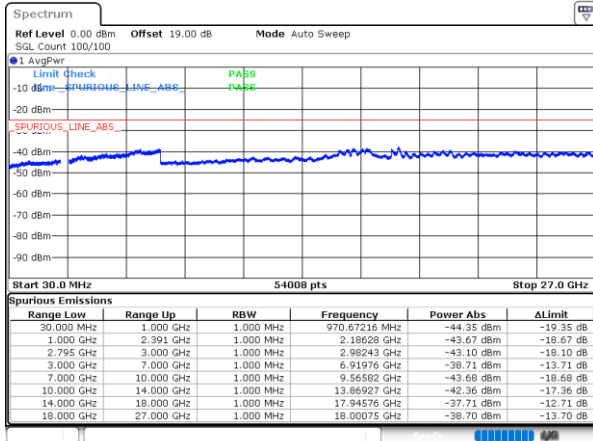


Date: 16\_MAR\_2024 23:03:25

# Conducted Spurious Emission

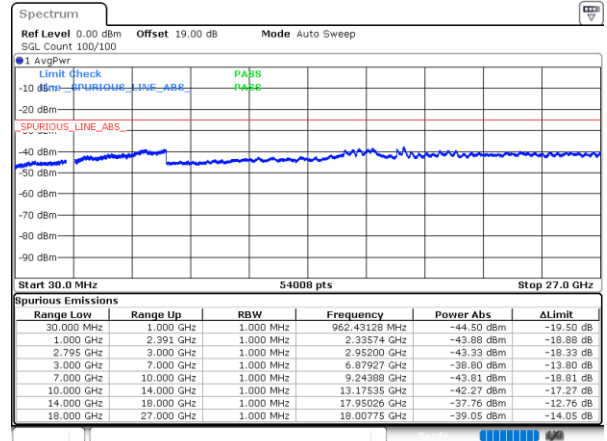
## FCC N41AA / 10MHz+20MHz

### Lowest Channel /BPSK/ 1RB0



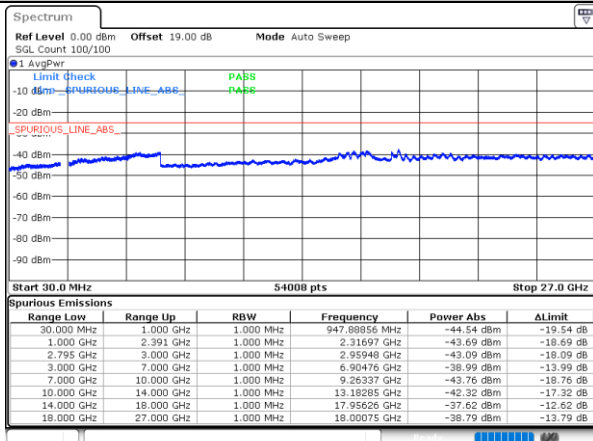
Date: 16.MAR.2024 22:01:14

### Lowest Channel /QPSK/ 1RB0



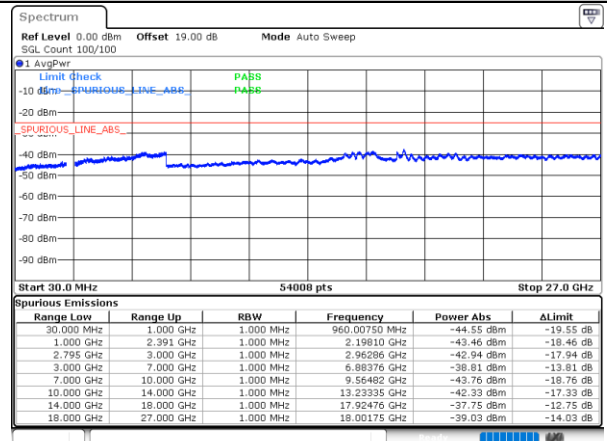
Date: 16.MAR.2024 21:59:58

### Middle Channel /BPSK/ 1RB0



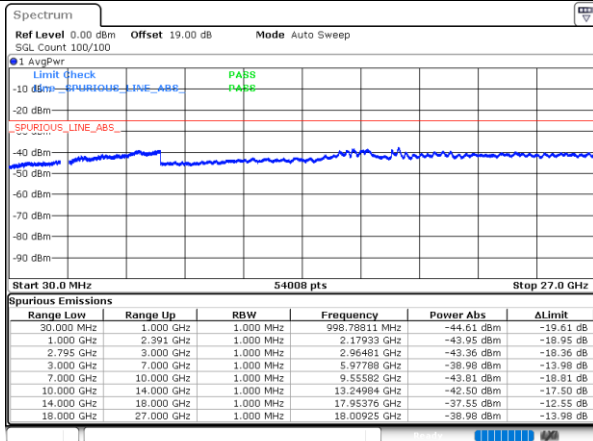
Date: 16.MAR.2024 22:03:10

### Middle Channel /QPSK/ 1RB0



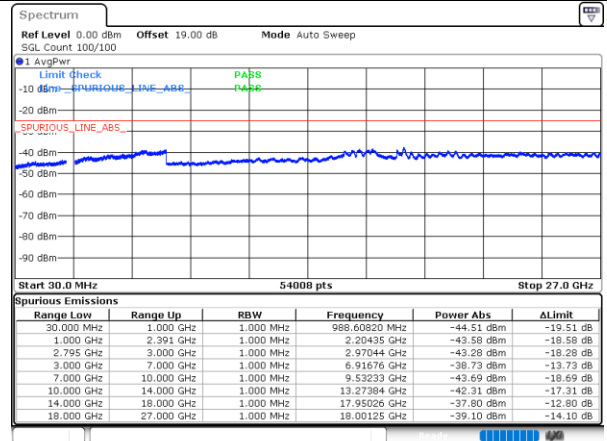
Date: 16.MAR.2024 22:04:00

### Highest Channel / BPSK/ 1RB0



Date: 16.MAR.2024 22:06:32

### Highest Channel /QPSK/ 1RB0

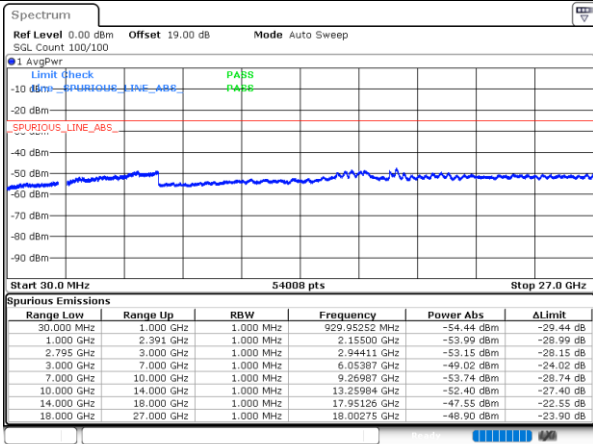


Date: 16.MAR.2024 22:05:39



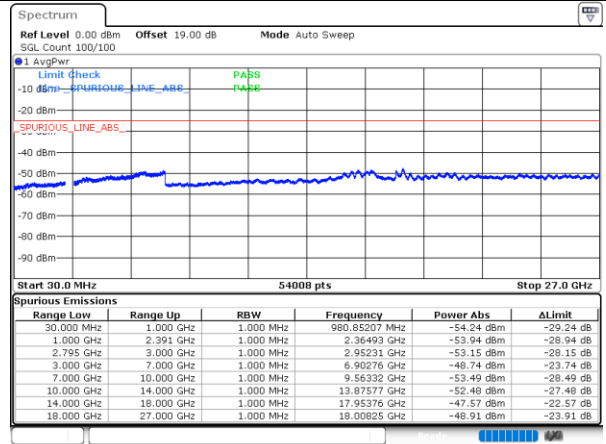
## FCC N41AA / 50MHz+20MHz

## Lowest Channel /BPSK/ 1RB0



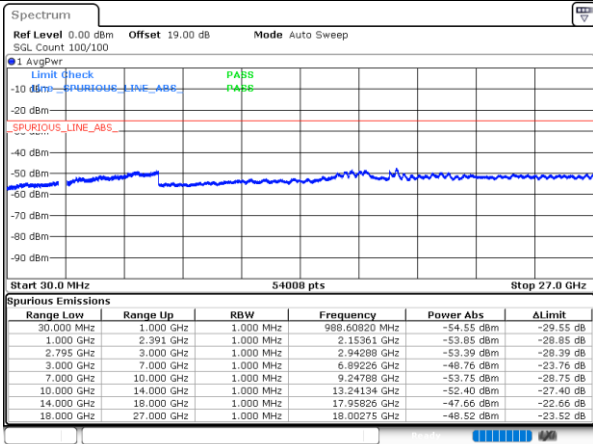
Date: 16.MAR.2024 22:13:45

## Lowest Channel /QPSK/ 1RB0



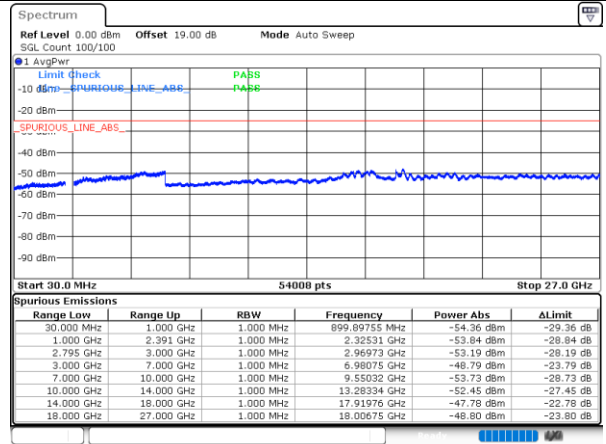
Date: 16.MAR.2024 22:12:54

## Middle Channel /BPSK/ 1RB0



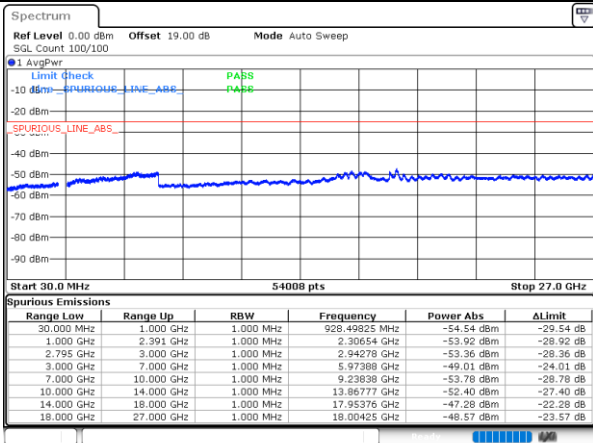
Date: 16.MAR.2024 22:19:07

## Middle Channel /QPSK/ 1RB0



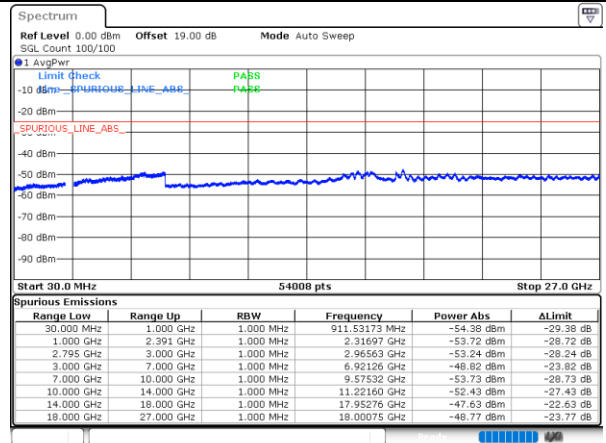
Date: 16.MAR.2024 22:17:19

## Highest Channel / BPSK/ 1RB0



Date: 16.MAR.2024 22:20:53

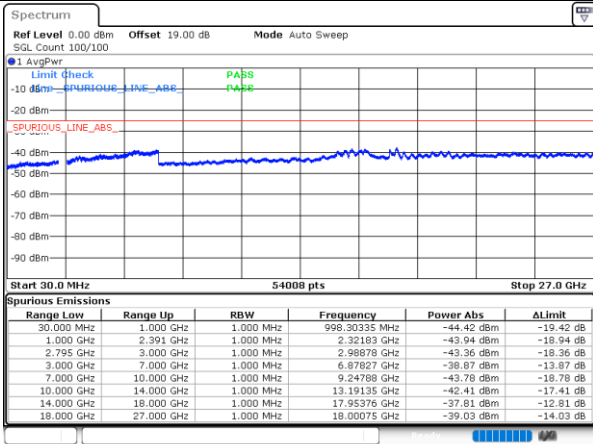
## Highest Channel /QPSK/ 1RB0



Date: 16.MAR.2024 22:21:57

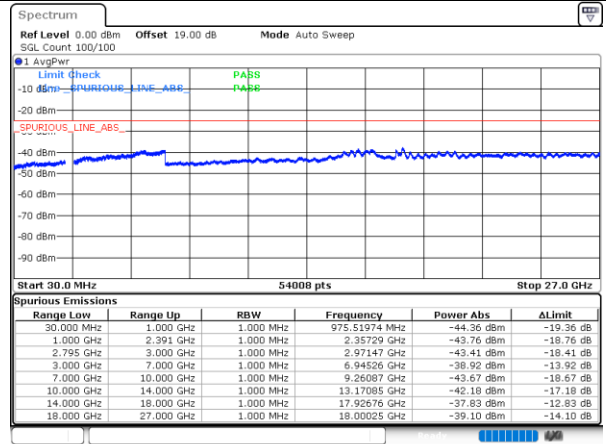
## FCC N41AA / 100MHz+20MHz

## Lowest Channel /BPSK/ 1RB0



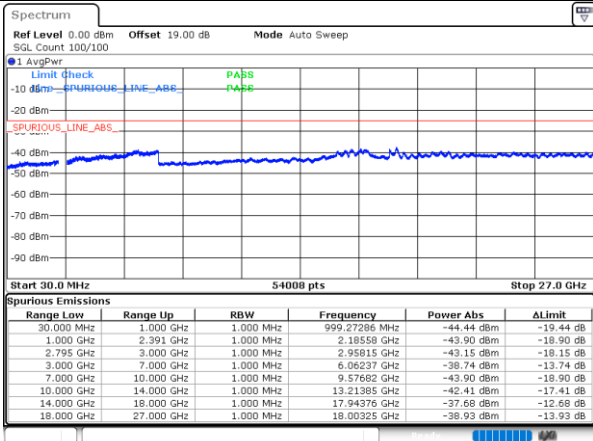
Date: 16.MAR.2024 22:30:07

## Lowest Channel /QPSK/ 1RB0



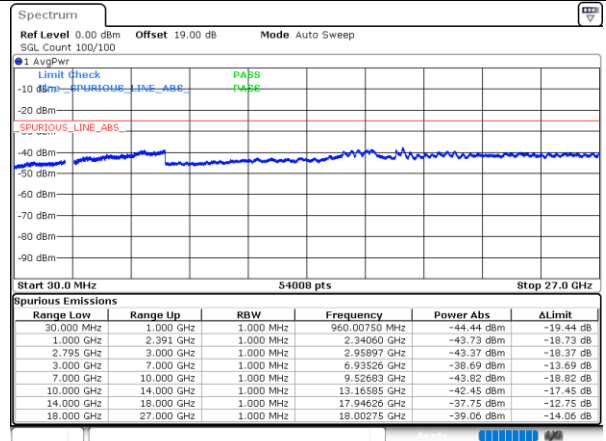
Date: 16.MAR.2024 22:29:15

## Middle Channel /BPSK/ 1RB0



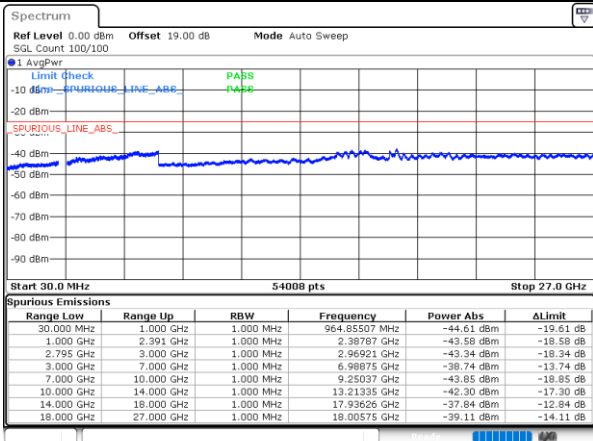
Date: 16.MAR.2024 22:59:50

## Middle Channel /QPSK/ 1RB0



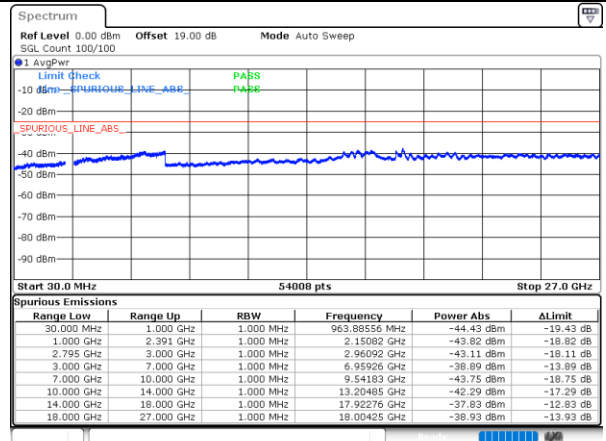
Date: 16.MAR.2024 23:01:03

## Highest Channel / BPSK/ 1RB0



Date: 16.MAR.2024 23:05:51

## Highest Channel /QPSK/ 1RB0



Date: 16.MAR.2024 23:04:57



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |               |                     |         |
|-----------------|---------------|---------------------|---------|
| Test Engineer : | Zhaohui Liang | Temperature :       | 22~25°C |
|                 |               | Relative Humidity : | 48~52%  |

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

| N7 SA / NR 50MHz / QPSK(ANT3) |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                        | 5022.00           | -57.66       | -25           | -32.66            | -81.52            | -63.22             | 7.14                 | 12.70                 | H                  |
|                               | 7533.50           | -54.77       | -25           | -29.77            | -81.65            | -58.07             | 8.30                 | 11.60                 | H                  |
|                               | 10045.00          | -52.30       | -25           | -27.30            | -83.15            | -53.82             | 10.48                | 12.00                 | H                  |
|                               | 5022.00           | -54.51       | -25           | -29.51            | -79.82            | -60.07             | 7.14                 | 12.70                 | V                  |
|                               | 7533.50           | -54.27       | -25           | -29.27            | -81.13            | -57.57             | 8.30                 | 11.60                 | V                  |
|                               | 10045.00          | -50.90       | -25           | -25.90            | -82.51            | -52.42             | 10.48                | 12.00                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| EN-DC 2A_n7A / LTE 10MHz + NR 50MHz / QPSK (ANT8+3) |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                             | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n7 Middle                                        | 5070.00           | -56.95       | -25           | -31.95            | -80.99            | -62.51             | 7.14                 | 12.70                 | H                  |
|                                                     | 7605.00           | -54.55       | -25           | -29.55            | -81.14            | -57.85             | 8.30                 | 11.60                 | H                  |
|                                                     | 10140.00          | -51.10       | -25           | -26.10            | -82.09            | -52.62             | 10.48                | 12.00                 | H                  |
|                                                     | 5070.00           | -55.96       | -25           | -30.96            | -81.21            | -61.52             | 7.14                 | 12.70                 | V                  |
|                                                     | 7605.00           | -54.29       | -25           | -29.29            | -81.22            | -57.59             | 8.30                 | 11.60                 | V                  |
|                                                     | 10140.00          | -50.45       | -25           | -25.45            | -82.54            | -51.97             | 10.48                | 12.00                 | V                  |
| LTE Band2 Middle                                    | 3751.18           | -57.28       | -13           | -44.28            | -79.77            | -64.03             | 5.85                 | 12.60                 | H                  |
|                                                     | 5626.77           | -56.59       | -13           | -43.59            | -81.09            | -62.39             | 7.30                 | 13.10                 | H                  |
|                                                     | 7502              | -53.99       | -13           | -40.99            | -80.99            | -57.14             | 8.35                 | 11.50                 | H                  |
|                                                     | 3751.18           | -54.62       | -13           | -41.62            | -80.27            | -61.37             | 5.85                 | 12.60                 | V                  |
|                                                     | 5626.77           | -56.08       | -13           | -43.08            | -81.08            | -61.88             | 7.30                 | 13.10                 | V                  |
|                                                     | 7502              | -54.60       | -13           | -41.60            | -81.59            | -57.75             | 8.35                 | 11.50                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| N41 SA / NR 100MHz / QPSK(ANT3) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                          | 5089.00              | -55.61          | -25              | -30.61                  | -79.89                  | -61.17                   | 7.14                       | 12.70                       | H                     |
|                                 | 7633.50              | -54.70          | -25              | -29.70                  | -81.24                  | -58.00                   | 8.30                       | 11.60                       | H                     |
|                                 | 10178.00             | -51.82          | -25              | -26.82                  | -82.84                  | -53.34                   | 10.48                      | 12.00                       | H                     |
|                                 | 5089.00              | -50.02          | -25              | -25.02                  | -75.28                  | -55.58                   | 7.14                       | 12.70                       | V                     |
|                                 | 7633.50              | -51.73          | -25              | -26.73                  | -78.95                  | -55.03                   | 8.30                       | 11.60                       | V                     |
|                                 | 10178.00             | -45.98          | -25              | -20.98                  | -78.22                  | -47.50                   | 10.48                      | 12.00                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| EN-DC_41A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT3+8) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                                | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| NR n41<br>Middle                                       | 5089.00              | -57.48          | -25              | -32.48                  | -81.76                  | -63.04                   | 7.14                       | 12.70                       | H                     |
|                                                        | 7633.50              | -55.59          | -25              | -30.59                  | -82.13                  | -58.89                   | 8.30                       | 11.60                       | H                     |
|                                                        | 10178.00             | -52.34          | -25              | -27.34                  | -83.36                  | -53.86                   | 10.48                      | 12.00                       | H                     |
|                                                        | 5089.00              | -56.57          | -25              | -31.57                  | -81.83                  | -62.13                   | 7.14                       | 12.70                       | V                     |
|                                                        | 7633.50              | -54.64          | -25              | -29.64                  | -81.86                  | -57.94                   | 8.30                       | 11.60                       | V                     |
|                                                        | 10178.00             | -52.53          | -25              | -27.53                  | -84.77                  | -54.05                   | 10.48                      | 12.00                       | V                     |
| LTE<br>Band41<br>Middle                                | 5177.18              | -56.88          | -25              | -31.88                  | -81.64                  | -62.44                   | 7.14                       | 12.70                       | H                     |
|                                                        | 7765.77              | -55.27          | -25              | -30.27                  | -81.46                  | -58.57                   | 8.30                       | 11.60                       | H                     |
|                                                        | 10354.36             | -51.67          | -25              | -26.67                  | -82.89                  | -53.19                   | 10.48                      | 12.00                       | H                     |
|                                                        | 5177.18              | -55.74          | -25              | -30.74                  | -80.89                  | -61.30                   | 7.14                       | 12.70                       | V                     |
|                                                        | 7765.77              | -51.26          | -25              | -26.26                  | -80.88                  | -54.56                   | 8.30                       | 11.60                       | V                     |
|                                                        | 10354.36             | -51.53          | -25              | -26.53                  | -84.55                  | -53.05                   | 10.48                      | 12.00                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| SA n41 UL MIMO / 100MHz / QPSK / ANT3+8 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                 | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                  | 5089.00              | -54.32          | -25              | -29.32                  | -78.60                  | -59.88                   | 7.14                       | 12.70                       | H                     |
|                                         | 7633.50              | -53.69          | -25              | -28.69                  | -80.23                  | -56.99                   | 8.30                       | 11.60                       | H                     |
|                                         | 10178.00             | -50.54          | -25              | -25.54                  | -81.56                  | -52.06                   | 10.48                      | 12.00                       | H                     |
|                                         | 5089.00              | -49.23          | -25              | -24.23                  | -74.49                  | -54.79                   | 7.14                       | 12.70                       | V                     |
|                                         | 7633.50              | -50.60          | -25              | -25.60                  | -77.82                  | -53.90                   | 8.30                       | 11.60                       | V                     |
|                                         | 10178.00             | -47.63          | -25              | -22.63                  | -79.87                  | -49.15                   | 10.48                      | 12.00                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| n41AA / LTE 10MHz + NR 100MHz / QPSK (ANT3+8) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| NR n41<br>Middle                              | 5063.50              | -57.72          | -25              | -32.72                  | -81.79                  | -63.28                   | 7.14                       | 12.70                       | H                     |
|                                               | 7595.50              | -55.74          | -25              | -30.74                  | -82.37                  | -59.04                   | 8.30                       | 11.60                       | H                     |
|                                               | 10127.00             | -52.23          | -25              | -27.23                  | -83.19                  | -53.75                   | 10.48                      | 12.00                       | H                     |
|                                               | 5063.50              | -56.48          | -25              | -31.48                  | -81.76                  | -62.04                   | 7.14                       | 12.70                       | V                     |
|                                               | 7595.50              | -55.21          | -25              | -30.21                  | -81.84                  | -58.51                   | 8.30                       | 11.60                       | V                     |
|                                               | 10127.00             | -51.18          | -25              | -26.18                  | -83.19                  | -52.70                   | 10.48                      | 12.00                       | V                     |
| LTE<br>Band41<br>Middle                       | 5259.00              | -56.91          | -25              | -31.91                  | -81.93                  | -62.47                   | 7.14                       | 12.70                       | H                     |
|                                               | 7888.50              | -55.30          | -25              | -30.30                  | -81.77                  | -58.60                   | 8.30                       | 11.60                       | H                     |
|                                               | 10518.00             | -51.95          | -25              | -26.95                  | -83.43                  | -53.47                   | 10.48                      | 12.00                       | H                     |
|                                               | 5259.00              | -57.32          | -25              | -32.32                  | -82.22                  | -62.88                   | 7.14                       | 12.70                       | V                     |
|                                               | 7888.50              | -52.24          | -25              | -27.24                  | -82.03                  | -55.54                   | 8.30                       | 11.60                       | V                     |
|                                               | 10518.00             | -50.40          | -25              | -25.40                  | -84.21                  | -51.92                   | 10.48                      | 12.00                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| CA_n41C / 100+90MHz / QPSK / ANT3 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                           | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                            | 5186.02              | -57.04          | -25              | -32.04                  | -81.80                  | -62.60                   | 7.14                       | 12.70                       | H                     |
|                                   | 7779.03              | -55.08          | -25              | -30.08                  | -81.23                  | -58.38                   | 8.30                       | 11.60                       | H                     |
|                                   | 10372.04             | -50.72          | -25              | -25.72                  | -81.95                  | -52.24                   | 10.48                      | 12.00                       | H                     |
|                                   | 5186.02              | -56.59          | -25              | -31.59                  | -81.74                  | -62.15                   | 7.14                       | 12.70                       | V                     |
|                                   | 7779.03              | -51.60          | -25              | -26.60                  | -81.52                  | -54.90                   | 8.30                       | 11.60                       | V                     |
|                                   | 10372.04             | -49.96          | -25              | -24.96                  | -83.05                  | -51.48                   | 10.48                      | 12.00                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.